

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 1, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:15	75 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling poison hemlock in DG-4 Sheetflow just south of the trash containers on the west side.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

ACWO, SPTO, LEGO, CATH, CASJ, HOFI, CAKI, CALT, WCSP, MODO, RTHA, NUWO, SOSP, BEWR, BGGN

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630: held safety meeting by containers reiterating mask policy and talking about covid-19 best practices with crew.

0655: monitored vegetation clearing in DG-4 Sheetflow.

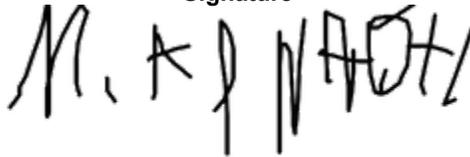
1035: found a large honeybee hive, advised crew to avoid and flagged area.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4-Sheetflow\_before\_pulling\_facingE.jpg  
-118.17585 34.19127



photo\_2-DG-4-Sheetflow\_before\_pulling\_facingE.jpg  
-118.17583 34.19143



photo\_3-DG-4-Sheetflow\_after\_pulling\_facingE.jpg  
-118.17586 34.19124



photo\_4-DG-4-Sheetflow\_after\_pulling\_facingE.jpg  
-118.17585 34.19141

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	47 °F	0-3 MPH	0 %
<b>End of Day</b>	14:00	78 °F	4-6 MPH	40 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew (6) removing invasives by-hand in DG-4 and DG-4 sheetflow.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, CASJ, COHA, BGGN, YRWA, BEWR, CALT, SOSR, ACWO, ANHU, SAPH, CATH, BUSH, BLPH, RTHA, WCSP, TUVU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 Foreman takes crew and monitor's temperatures before starting work.

0645 crew continues work in DG-4 sheetflow, near graded channel, cutting bare tree of heaven (*Ailanthus altissimus*) trunks. No herbicide for cut-stump allowed. Removed large roots when possible.

0930 crew began removing three small clumps of Himalayan blackberry on edge of DG-4 and DG-4A, near boulders. These were lower priority over the summer than other patches that spread in wetter areas.

1350 crew stopped pulling.

**Additional Comments**

N/A

**Signature**





**Tree of heaven\_DG-4 sheetflow\_before.jpg**  
-118.17564 34.19126



**Himalayan blackberry\_DG-4A\_before.jpg**  
-118.1752 34.191



**Tree of heaven removed.jpg**  
-118.17569 34.19124



**Blackberry removed.jpg**  
-118.17529 34.19099

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: December 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	41 °F	0-3 MPH	5 %
<b>End of Day</b>	12:28	76 °F	0-3 MPH	40 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Grading in mining pit. Culvert installation at Johnson Field.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, WCSP, CORA, parrot, NOFL, SPTO, CATH, WESJ, CAQU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

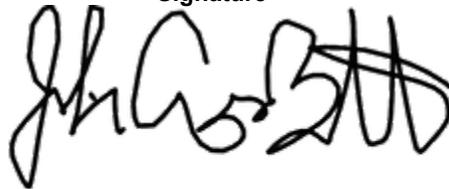
0645 - 1100 Assisted County surveyors with staking out the location for vinyl sheet pile in DG-2 (New Channels) and the culvert alignment for the Johnson Field area.

1100 - 1230 Reviewed restoration grading progress on west side of Arroyo Seco.

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 3, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	4-6 MPH	0 %
End of Day	13:26	70 °F	16 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

10 person Natures Image crew raking/hoeing/hand pulling understory, 1 Stillwater bio

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

BLPH WEBL CAQU AUWA WCSP LISP CALT ACWO AMCR EUST NOFL LEGO RCPA RCKI CASJ HOWR MODO  
ANHU BUSH RTHA SOSP BGGN CAKI COHA

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630-1325: NI crew clearing vegetation in DG-4 north of channel clearing area.

**Additional Comments**

N/A

Signature





**Vegetation clearing\_before\_facingN.jpg**



**Vegetation clearing\_after\_facingN.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 4, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	43 °F	0-3 MPH	0 %
<b>End of Day</b>	14:03	72 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

10 person Natures Image crew vegetation clearing with rakes and hoes, 1 Stillwater bio

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

BEWR BLPH BGGN NOFL CALT ACWO CASJ CAQU WCSP AMCR BUSH AUWA RTHA

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630-1400 : NI crew pulling dry pepperweed in DG-4, same location as 3 Dec 2020. Crew stopped vegetation clearing at 14:00.

**Additional Comments**

N/A

**Signature**



**Vegetation clearing\_before\_facingN.jpg**



**Vegetation clearing\_after\_facingNW.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 7, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:15	70 °F	0-3 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling perennial pepperweed, poison hemlock, curly dock, and horehound in DG-W-2.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

SPTO, WCSP, BLPH, ACWO, CALT, CASJ, MODO, CAQU, BEWR, RTHA, LEGO, COHA, ATSP, HOWR, ANHU, RCKI, HOFI

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 monitored vegetation clearing in DG-W-2.

0800: BLPH began scolding crew (diving, frequent bill swipes, pretending to have a broken wing, alarm calls), so I moved the crew 30 feet north until the bird was no longer scolding us. No nest observed.

0930: surveyed the Johnson field area of the site.

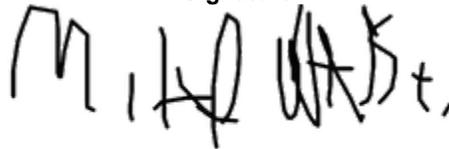
1000: resumed monitoring in DG-W-2.

1350: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-W-2\_before\_pulling\_facingN.jpg**  
-118.17451 34.19312



**photo\_2-DG-W-2\_before\_pulling\_facingW.jpg**  
-118.17405 34.19341



photo\_3-DG-W-2\_after\_pulling\_facingN.jpg  
-118.17416 34.19356



photo\_4-DG-W-2\_after\_pulling\_facingW.jpg  
-118.1741 34.19336

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 8, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	10-12 MPH	35 %
End of Day	14:15	79 °F	4-6 MPH	50 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling curly dock, mustard, and poison hemlock in the DG-W-2/DG-4 areas of the site.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

BLPH, AMCR, COHA, BEWR, CALT, HOFI, SAPH, BUSH, ANHU, EUST, BRBL, CATH, CASJ, BGGN, WCSP, western fence lizard, RCKI, MODO, YRWA

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630: since today was a red flag day, I held a brief tailgate meeting with crew members to reiterate best practices for working on a red flag day. Also, Daniel and Didier left to attend training related to installation and maintenance of irrigation.

0640: monitored vegetation clearing in DG-W-2.

0922: small yellowjacket hive unearthed, one employee (Andrei Coello) was stung twice. Crew was moved away from hive. Andrei was examined multiple times throughout the day and showed no signs of an allergic reaction.

1130: Daniel and Didier returned from their training. Also around this time, a different employee (Johnathan) left because of eye irritation while he was on lunch. Earlier in the day, he had been provided eye drops by Tom but they proved to be ineffective.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4\_before\_pulling\_facingNW.jpg**  
-118.17418 34.19356



**photo\_2-DG-W-2\_before\_pulling\_facingNE.jpg**  
-118.17416 34.19356



photo\_3-DG-4\_after\_pulling\_facingNW.jpg  
-118.17414 34.19354



photo\_4-DG-W-2\_after\_pulling\_facingNE.jpg  
-118.17413 34.19355

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	54 °F	0-3 MPH	95 %
<b>End of Day</b>	13:30	75 °F	4-6 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew (7) hand-weeding in DG-W-2 (mining pit), DG-4C and DG-4

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

NUWO, CORA, MODO, BLPH, CASJ, BEWR, CALT, COHA, RTHA, WCSP, BGGN, BUSH, YRWA, RCKI, SAPH, HOFI, LEGO, ANHU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Crew is continuing to hand-weed in the mining pit near the grading soil dump area. The main weed species is curly dock.

0700 Monitor talked with ECORP monitor overseeing nearby grading work and discussed the day's plan to avoid conflicts.

0730 Notified by lead ECORP monitor of a city water line break on the east side. Advised on location of shut-off valve. Crew continued up slope to DG-4 and DG-4C. Weeds pulled were tree tobacco and mustard.

1200 walked to Johnson field to see grading progress and brainstorm irrigation layout.

1310 crew stopped pulling and switched to irrigation maintenance.

**Additional Comments**

N/A

**Signature**





**DG-W-2 facing NW.jpg**  
-118.17396 34.19362



**After weeding\_mining pit.jpg**  
-118.17389 34.19363

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: December 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:50	55 °F	0-3 MPH	90 %
<b>End of Day</b>	15:16	81 °F	0-3 MPH	50 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Grading, sediment relocation and spreading with wheel loader, grader, bulldozer, skip loader, water truck. Griffith Company - Leo (surveyor/skip loader operator), Doug (wheel loader operator), Steve (grader operator), Kent (bulldozer operator)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, CALT, coyote, CORA, BUSH, ANHU, BLPH, BGGN, ACWO, CAQU, LEGO, HOFI, NOFL, RTHA, desert cottontail, MOD0

**Did You Observe any Non-Compliance Issues?**  Yes  No

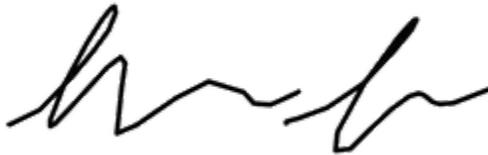
**Log Entry**

0700 monitored grading at south end of DG-W2, soil spreading at soil deposit site at north end of DG-W2, and sediment relocation to soil deposit site at north end of DG~4.

**Additional Comments**

N/A

**Signature**





photo\_1-20201209\_grading DG-W2\_facing SW.jpg  
-118.17491 34.19162



photo\_2-20201209\_soil spreading at DG-4 deposit site\_facingNE.jpg  
-118.17269 34.19325



photo\_3-20201209\_spreading soil at DG-W2 deposit site\_facingN.jpg  
-118.17383 34.19355

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: December 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	50 °F	0-3 MPH	75 %
<b>End of Day</b>	15:28	73 °F	0-3 MPH	30 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Griffith Company excavator digging new culvert near Johnson field, installing sheet pile at entrance of Johnson field new channels

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

amcr, casj, parrot sp., wcsp, calt, rtha, hofi, anhu, blph, bewr, caqu, spto, sosp, mall

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0635 arrived on site and grabbed gear.

0700 began monitoring excavation of new culvert near Johnson field. Very small oak (1 ft diameter at breast height) removed to do the work. larger oak adjacent branches are being grazed by bucket but not removed.

0720 excavator hits and breaks underground water pipe.

0810 City of Pasadena shuts off water.

0830 crew began installing sheet pile at entrance to Johnson field new channels. installation using an excavator and by hand. smoothed out using skip loader.

1440 finished sheet pile, opening up trail next to broken pipe.

1527 biologist left site. no bio issues observed.

**Additional Comments**

N/A

**Signature**





**photo\_1-excavator preparing to dig for culvert.jpg**  
-118.17127 34.19087



**photo\_2-flow in channels from water pipe.jpg**  
-118.17164 34.19032



photo\_3-sheet pile install.jpg  
-118.17194 34.19092



photo\_4-completed sheet pile install.jpg  
-118.17191 34.19077

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	50 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	64 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew (7) hand-weeding in DG-4 north end and near boulders

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, BGGN, CASJ, SAPH, BLPH, COHA, AMKE, LEGO, HOFI, WCSP, CAQU, ANHU, RTHA, BEWR, bobcat, CALT

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 crew beginning in area of planted coastal sage scrub and willow/mulefat stakes in northern DG-4. Weeds are green but small. Evidence of herbivory on pepperweed florets, so to avoid herbivory on planted natives, decided to leave these and focus on poison hemlock, mustards, and bolted/flowering pepperweed. Finished area just before lunch.

1130 Crew moved to area planted with mulefat/willow stakes near boulders. Pulling small, green pepperweed. Less evidence of herbivory in this area. Crew stopped pulling at 1400.

**Additional Comments**

N/A

**Signature**





DG-4\_facing E\_morning.jpg  
-118.1726 34.19381



DG-4\_young pepperweed\_facing S.jpg  
-118.17516 34.1904



DG-4\_facing N\_pulling pepperweed.jpg  
-118.17511 34.19038

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: December 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	35 °F	0-3 MPH	0 %
<b>End of Day</b>	15:24	63 °F	0-3 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Grading and soil relocation with grader, wheel loader, bulldozer, skip loader, water truck. Griffith Company: Joe (foreman), Doug, Steve, and Kent (equipment operators)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Green parrot, BLPH, CASJ, COHA, ANHU, HOFI, BUSH, CALT, coyote, RTHA, MODO, AMCR, LEGO, BGGN, PSFL, BEWR, WCSP, CAKI, western fence lizard, common side-blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0700 monitored grading and soil relocation at north end of DG-4

**Additional Comments**

N/A

**Signature**





photo\_1-20201210\_grading north end of DG-W2\_facing N.jpg  
-118.1747 34.19261



photo\_2-20201210\_grading south end of DG-W2\_facing N.jpg  
-118.17491 34.1917



photo\_3-20201210\_soil deposit at north end of DG-4\_facing NE.jpg  
-118.1726 34.19329

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: December 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:56	38 °F	0-3 MPH	5 %
<b>End of Day</b>	15:16	65 °F	0-3 MPH	30 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Installation of culvert pipe for Johnson Field. Habitat restoration grading at DG-4 WOUS.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, BLPH, NOFL, CASJ, NUWO, BEWR, CORA, parrot sp.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0700-1510 monitored installation of culvert at johnson field.

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: December 11, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	46 °F	0-3 MPH	100 %
<b>End of Day</b>	14:30	59 °F	0-3 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

2 loaders 1 water truck on west side of basin moving excavated soils from intersection of DG-4/access road to deposit area northeast of DG-4 (WOUS)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Parrots, coyote, EUCD, COHA, CASJ, CALT, WEME, ANHU, AMCR, CORA, RTHA, California ground squirrel (v), desert cottontail (t)

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0650 Griffith tailboard

0700 1 loader (Steve) and began moving dirt after water truck wet trails.

0900 moved out of restoration hauling to help haul dirt from Johnson Field.

1040 switched to dozer and building up berm along west edge of basin just northeast of DG-4 to keep main water flow within main channel.

1200 finished building berm and contouring.

1210 followed Kenny on mini grader back to DG-4 stockpile area. 1-2 loaders (D8s) had been working in area while I was monitoring Steve at berm. Kenny trying to keep dirt within cleared limits but scoopers not helping.

1230 mentioned to Brian that the dust is pretty bad. Brian called for a water truck, arrived at 1305.

1410 Nothing going on at Johnson Field. Adam has been monitoring deposit site, but I told him I can periodically check on it.

1430 all equipment abruptly left and parked. Still working on moving sediment out of DG-W-2. Continue with 1 monitor on Monday.

**Additional Comments**

N/A

**Signature**





Looking\_northwest\_at\_DG-4-WOUS\_deposit.jpg  
-118.17223 34.19338



Looking\_southwest\_at\_DG-4-WOUS\_deposit\_area.jpg  
-118.17217 34.19342



Looking\_southwest\_at\_DG-4.jpg  
-118.17466 34.1925



Looking\_west\_at\_breach\_in\_berm\_northeast\_of\_DG-4.jpg  
-118.17192 34.19306

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: December 11, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	46 °F	0-3 MPH	0 %
<b>End of Day</b>	14:25	63 °F	0-3 MPH	40 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

1. Grading, culvert installation, hauling dirt.
2. One excavator, two bulldozers, one skiploader, one water truck, two front loaders, hand tools.
3. Ten personnel (Griffith Company, Joe foreman).

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RLPA, CORA, CASJ, ACWO, CALT, WCSP, RTHA, SAPH, BLPH, ANHU, NOFL

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0710- monitoring grading and contouring in Johnson field, culvert outlet preparation for placing fabric/sand/rock, hauling excess fill to sediment removal area.

0745- monitored fabric/sand/rock installation at Johnson field culvert outlet.

0905- monitored removal of ramp into Johnson field.

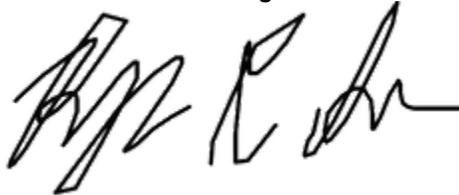
0935- monitored placement of rock at the inlet culvert to Johnson field.

1125- monitored hauling of excess dirt from DG-4 to excavated soil deposit zone.

**Additional Comments**

N/A

Signature





Johnson\_field\_culvert\_outlet\_installation\_during\_facingNW.jpg



Johnson\_field\_ramp\_removal\_during\_facingNW.jpg



Johnson\_field\_grading\_contouring\_during\_facingS.jpg



hauling\_excess\_dirt\_DG-4\_during\_facingS.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	44 °F	0-3 MPH	10 %
<b>End of Day</b>	14:15	64 °F	7-9 MPH	20 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image/labor finders crew of 3 hand pulling poison hemlock/cutting tree of heaven on the east side of the site near the Johnson field in DG-2. Today there were 2 crews, the other of which was under the supervision of Margie.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

AMCR, HOFI, CASJ, WCSP, CATH, CALT, RUHU, CORA, BLPH, MODO, TUVU, BEWR, SAPH, RTHA, ACWO, SPTO, HOFI

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: had a tailgate meeting delegating crew members/monitors to their proper area.

0700: monitored vegetation clearing in area DG-2.

0950: one crew member began removing tree of heaven with an axe.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-2\_before\_pulling\_facingS.jpg**  
-118.17201 34.19108



**photo\_2-DG-2\_before\_pulling\_facingS.jpg**  
-118.17187 34.19077



photo\_3-DG-2\_after\_pulling\_facingS.jpg  
-118.17197 34.19105



photo\_4-DG-2\_after\_pulling\_facingS\_(pre-pickup).jpg  
-118.1719 34.19084

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	50 °F	0-3 MPH	10 %
<b>End of Day</b>	14:20	61 °F	7-9 MPH	30 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) beginning site preparation for Phase 2 planting in DG-W-1 Johnson field.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, SOSP, BEWR, RTHA, CASJ, CALT

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 Used Trimble unit to verify mitigation area's boundaries.

0740 crew rolling out 2" irrigation mainline along east road. Will connect to existing irrigation box at DG-2A.

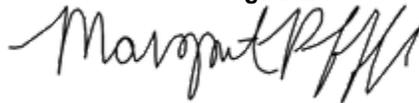
1130 equipment arrived to unspool and fuse pipe. Foremen spent time troubleshooting unspooling machine while crew continued laying pipe by hand.

1415 allowed crew to continue laying out irrigation pipe without monitor as area was bare ground and there would be no impacts to resources.

**Additional Comments**

N/A

**Signature**





**DG-W-1\_facing SE.jpg**  
-118.17188 34.1921



**Laying out irrigation mainline\_facing N.jpg**  
-118.17169 34.19005



Pipe straightening machine\_needs repair.jpg  
-118.1715 34.19226

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: December 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:50	47 °F	0-3 MPH	70 %
<b>End of Day</b>	15:00	63 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

2 loaders, mini dozer transporting sediment from DG-W-2 to deposit area. 2 man crew with backhoe finishing southernmost section of DG-W-2 outlet

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RCKI, parrots, coyote, cottontail (s), ACWO, CORA, HOFI, BEWR, CASJ, RTHA, BLPH, TUVU, SAPH

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0650 water truck wetting roads west of basin. Pre-clearance survey of all channels. Pulled 8' of unconnected irrigation hose out of channel and placed in Natures Image restoration area.

0700 Kenny on mini dozer headed to old mining pit. Willows in area seem to be dying back more than just seasonal dormancy. Suspect wood borer combined with drought, not due to project.

0750 backhoe tracked out of south end to grab some rakes. 2 dozers and Kenny continue to transport dirt from old mining pit to deposit area. Loaders are as wide as access road which is slowly getting wider. Put more stakes and flagging to limit spread at passing/turnaround areas.

0900 south crew is done at out of outlet channel.

1020-1045 crew called out to basin for meeting with safety officer.

1135 stockpile removed from mining pit, Kenny grading s-curve. east limits match original location, not mapped actuals. Westernmost avoided tree on south side of curve is askew, (noted upon arrival on Friday 12/11 - wind?). Photo in collector.

1230 wind starting to pick up, blowing dust toward park. Asked guys if water truck was coming. Called in again by loader at 1pm. Dirt from parking lot, and finished channel is blowing toward Oak Grove in addition to work area dust.

1405 water truck returned to wet down work area at end of access road, all dirt is out of channel and Kenny is on to final grade of slopes.

1445 Finished grading. Done for day.

1450 walked to mining pit with Joe. Only minor cleanup tomorrow with skip loader. Should be done for year after that.

**Additional Comments**

N/A

Signature





Looking\_south\_at\_DG-W-2\_outlet.jpg  
-118.17466 34.19231



Looking\_southeast\_at\_DG-4 (WOUS)\_and\_acces\_road.jpg  
-118.17368 34.19199



Looking\_west\_at\_grading\_of\_mining\_pit\_s-curve.jpg  
-118.17432 34.19264



Looking\_south\_at\_wetted\_work\_area.jpg  
-118.17459 34.19243

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	45 °F	4-6 MPH	0 %
<b>End of Day</b>	14:35	66 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image/labor finders crew of 5 pulling exotic grass/mustard/perennial pepperweed seedlings in DG-4 just south of the twin boulders on the southwest side of the site.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

SPTO, CALT, CATH, CASJ, NOFL, ACWO, COYE, western fence lizard, SAPH, LEGO, SOSP, BRSP, WCSP, BGGN, AMCR, side-blotched lizard, RCKI, RTHA, CORA, OCWA, CAKI

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: monitored vegetation clearing in DG-4.

0930: found a camper van parked in the parking lot near trash cans. Later learned they had left.

1030: surveyed nearby areas for exotic plants and birds.

1405: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_before\_pulling\_facingS.jpg  
-118.17499 34.1904



photo\_2-DG-4\_before\_pulling\_facingS.jpg  
-118.17511 34.19025



photo\_3-DG-4\_after\_pulling\_facingS.jpg  
-118.17495 34.19035



photo\_4-DG-4\_after\_pulling\_facingS.jpg  
-118.17509 34.19022

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	37 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	68 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) laying out irrigation in DG-W-1

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, CALT, SOSP, MODO, CATH, ACWO, COHA, RTHA, NOFL, SAPH, CAQU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 Foreman went to escort mechanic to site to repair rented macine.

0650 other foreman and crew using generator-powered drill to prime holes for tacking down irrigation mainline.

0730 Monitored while crew helped mechanic remove hydraulic arm on macine, no spills.

0900-1130 Griffith working in same area to decompact soil for planting and level out grading at drainage, monitored by ECORP. Monitor met with ECORP, Griffith, and County to discuss decompaction on stretch of road that will be decommissioned.

1345 Met with ECORP to discuss planting layout in Johnson Field.

**Additional Comments**

N/A

**Signature**





**Drill activities\_DG-W-1.jpg**  
-118.17113 34.192



**Tacking down irrigation pipe\_facing W.jpg**  
-118.17127 34.19202



**Irrigation progress\_facing S.jpg**  
-118.17154 34.19224

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: December 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	30 °F	0-3 MPH	0 %
<b>End of Day</b>	14:00	64 °F	0-3 MPH	15 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Griffith Company restoration grading of DG-4 (WOUS), Johnson field

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

cora, parrot sp., cedw, calt, coha, rtha, casj, rcki, anhu, saph, nofl, blph, acwo, wcsp

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 arrived on site

0700 mini dozer smoothing out channels, large dozer smoothing out reservoir, hand crew doing touch up

0900 monitored small dozer and skip while they tilled soil on mound in Johnson field.

1030 Josh arrived for final walk-through.

1230 final walk through complete, began removing flagging.

1400 completed flagging removal and left site. no bio issues observed

**Additional Comments**

N/A

Signature





photo\_1-smoothing channel near Johnson field.jpg  
-118.17076 34.19



photo\_2-ripping soil mound at Johnson field.jpg  
-118.17011 34.19066



photo\_3-touch up work DG-4-WOUS.jpg  
-118.17311 34.19271

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: December 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	10:15	65 °F	0-3 MPH	5 %
<b>End of Day</b>	12:24	75 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Monitored final touch up grading at Johnson field. Conducted final walkthrough of Griffith grading areas with Ray Dilbeck, Mary Kinsler, Joe (Griffith Supervisor), and Lauren Simpson.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, CORA, BLPH, side-blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

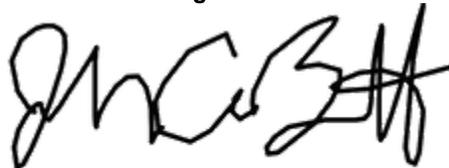
**Log Entry**

1015 - 1215 Monitored final touch up grading in Johnson field. Checked all Griffith grading areas for mitigation zones.

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	54 °F	0-3 MPH	0 %
<b>End of Day</b>	14:20	73 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

5-person Natures Image crew using typical understory clearing handtools

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

BGGN RCKI AMCR BEWR COYE WCSP WEME MODO CALT NUWO OATI BLPH SAPH BEWR RSHA ACWO  
SPTO ROPI COHA DOWO SOSP ANHU NOFL RTHA CAKI CASJ coyote (at 1031)

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630-1420: 5-person Natures Image crew raking/hand pulling weeds in DG-4 (rest of Natures Image crew on east side prepping for planting work.) Repairing of irrigation pipes happening in the afternoon. Crew stopped vegetation work at 1420.

**Additional Comments**

N/A

**Signature**





**Vegetation clearing\_before\_facing N.jpg**



**Vegetation clearing\_after\_facing N.jpg**



**Vegetation clearing\_after\_facing S.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	10:00	54 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) laying out irrigation in DG-W-1, monitors marking out plants

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CORA, BEWR, AMKE, RTHA, CORA, MODO, CASJ

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Lead monitor onsite 0630-1000 to monitor and helping to mark out planting locations with spray paint so that crew can strategically lay out irrigation hose. Amy Plesetz arrived at 0800 and was briefed on plan then took over monitoring and plant marking.

**Additional Comments**

N/A

**Signature**





**Fusing pipe\_facing W.jpg**  
-118.17167 34.19091

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	08:00	60 °F	0-3 MPH	0 %
<b>End of Day</b>	14:00	71 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) fusing irrigation main line at Johnson Field. Equipment includes hand tools, generator, and pit bull machine. Daniel (foreman Natures Image) and Margie (foreman Stillwater)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, coyote (2 adults), WCSP, CAQU, AMKE, RTHA, CALT, ACWO, NOFL, NUWO, YRWA, BEWR, MODO, CORA, CATH

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Arrived at 0800 for orientation with Margie (Stillwater). Margie instructed new tasks at Johnson Field (DG-W-1). Crew was observed fusing polypropylene irrigation main lines. Biologist checked on crew periodically especially while a generator was being ran. Biologist marked out plant location with spray paint. Plants are to be established 6ft away from one another. Biologist completed report, checked to make sure the crew did not leave trash behind, and left site at 1400.

**Additional Comments**

N/A

Signature





**But\_fusion\_irrigation\_during\_facingE.jpg**  
-118.17176 34.19095



**But\_fusion\_irrigation\_during\_facingNW.jpg**  
-118.17162 34.19087

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 17, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	55 °F	0-3 MPH	100 %
<b>End of Day</b>	10:26	60 °F	4-6 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

5-person Natures Image crew + 1 Stillwater bio doing irrigation checks & repairs

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CAQU MODO ANHU RSHA ACWO NUWO BLPH SAPH CASJ AMCR CORA OATI BUSH RCKI WBNU BGGN  
BEWR CATH NOMO WEBL CEDW HOFI SOSP WCSP CALT SPTO CHSP DEJU (3 subspecies groups! Oregon,  
Slate-colored, Gray-headed) BRBL AUWA Peromyscus sp. (Deer mouse)

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

5-person Natures Image crew doing exclusively irrigation line checks and repairs in DG-4/DG-4A. Stillwater bio DKB stayed with crew during checks of the spigot boxes to watch for wildlife (0630-1020). One spigot box has a deer mouse den built inside the spigot covering; the den isn't in any immediate danger of disturbance and they weren't relocated. Photos taken. Bio left site at 1025.

**Additional Comments**

N/A

**Signature**





Peromyscus den\_DG-4 spigot box.jpg



Peromyscus1\_DG-4 spigot box.jpg



Peromyscus2\_DG-4 spigot box.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 17, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	80 %
End of Day	13:30	65 °F	4-6 MPH	30 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) establishing irrigation lines in Johnson field. Equipment includes hand tools and irrigation lines. Daniel (foreman Natures Image).

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CATH, CORA, WCSP, ACWO, SPTO, RCPA, RSHA, RTHA, CASJ, CALT, OATI, BEWR, NUWO, MODO, BUSH, BGGN, AMKE, COHA, CAQU, YRWA, WREN, LEGO, HOFI, DEJU, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Biologist arrived onsite at 0630. The crew was establishing irrigation lines at Johnson field (DG-W-1). Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1330. Biologist left before the crew did so trash removal was not checked.

**Additional Comments**

N/A

Signature





Irrigation\_establishment\_during\_facingW.jpg  
-118.17139 34.19117



Irrigation\_establishment\_during\_facingSW.jpg  
-118.17113 34.19125

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 18, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	45 °F	0-3 MPH	0 %
<b>End of Day</b>	13:22	67 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

6-person Natures Image crew + 1 Stillwater bio using understory clearing hand tools in DG-4.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RTHA NUWO ACWO MODO WEME CASJ BEWR CEDW COYE OATI CALT WCSP BLPH AMCR LEGO HOFI  
ANHU SPTO BGGN BUSH MERL AUWA COHA CAKI

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

6-person crew hand pulling weeds in DG-4 "Boulder".

0630-1000 2 crew members checking/repairing irrigation lines. Several pedestrians seen in the dam sediment removal area (let Griffith know? Shouldn't this area be closed off?) Crew stopped vegetation work at 1320.

**Additional Comments**

N/A

**Signature**





**Vegetation clearing\_before\_facing W.jpg**



**Vegetation clearing\_after\_facing E.jpg**



**Vegetation clearing\_after\_facing SE.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 18, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	48 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	72 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) establishing irrigation lines in Johnson field. Equipment includes hand tools and irrigation lines. Daniel (foreman Natures Image).

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, WCSP, ACWO, SPTO, RCPA, RTHA, CASJ, CALT, OATI, BEWR, NUWO, MODO, BUSH, BGGN, AMKE, CAQU, YRWA, WREN, HOFI, DEJU, California ground squirrel , NOFL

**Did You Observe any Non-Compliance Issues?**  Yes  No

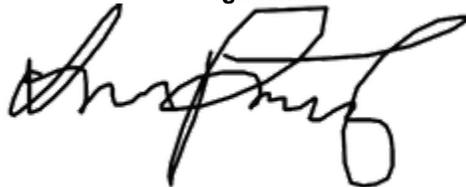
**Log Entry**

Biologist arrived onsite at 0630. The crew was establishing irrigation lines at Johnson field (DG-W-1). Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1430. Trash appeared to be removed.

**Additional Comments**

N/A

Signature





Irrigation\_installation\_during\_facingS.jpg  
-118.17111 34.19142



Irrigation\_installation\_after\_facingNE.jpg  
-118.17148 34.19178

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 21, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	55 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	81 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 hand pulling perennial pepperweed on the southwest side of the site near the twin boulders in area DG-4.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, COHA, BEWR, MODO, CASJ, BLPH, BGGN, COHU, NUWO, CAQU, LEGO, RTHA, NOFL, CATH, ACWO, COYE, SOSP, SAGS, ATSP, OCWA, ANHU, SPTO, WCSP, WEME, YRWA, DEJU, SAPH, RCKI, CORA, AMCR, BUSH, California ground squirrel, western fence lizard, side-blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: tailgate meeting, gave WEEP training to a new crew member, Diego.

0700: monitored vegetation clearing in area DG-4.

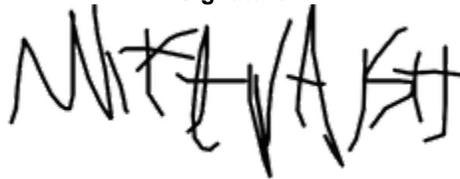
1000: scouted for new work areas and surveyed them for protected species.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

**Signature**





photo\_1-DG-4\_before\_pulling\_facingN.jpg  
-118.17532 34.19015



photo\_2-DG-4\_before\_pulling\_facingN.jpg  
-118.17531 34.19016



photo\_3-DG-4\_after\_pulling\_facingN.jpg  
-118.17533 34.19019



photo\_4-DG-4\_after\_pulling\_facingN.jpg  
-118.17516 34.19015

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 21, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	59 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	81 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) laying out irrigation in DG-W-1, DG-2 new channels, and DG-2 WOUS.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

SOSP, BEWR, CORA, CALT, WCSP, MODO, CASJ, SPTO, NOFL, COYE, RTHA, desert cottontail, AMKE, CAQU, CATH

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 Foreman (Daniel) went to west side to get other crew started. This crew continuing work from last week, laying out hoses according to painted plant markers.

0845-1015 monitor marked out more plants with spray paint while the crew laid out more hose.

1015 crew ran out of hose and switched to fusing mainline pipe to end of existing irrigation along east road.

1040 helped crew place mainline pipe going south along the west edge of DG-2 new channels. Observed crew fusing and laying out pipe down DG-2 new channels and DG-2 WOUS until 1440 when they began cleaning up.

**Additional Comments**

N/A

**Signature**





**Irrigation install\_DG-W-1\_facing SE.jpg**  
-118.17151 34.19218



**Fusing irrigation mainline\_DG-2 new channels\_facing S.jpg**  
-118.17207 34.19066



Pipe straightening machine\_DG-W-1.jpg  
-118.17186 34.19102

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 22, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	46 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	70 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 hand pulling perennial pepperweed and mustard in area DG-4 on the southwest side of the site.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, ACWO, OATI, AMCR, CASJ, BEWR, COYE, BUSH, WCSP, EUST, CAQU, SOSPO, CORA, NOFL, HOFI, BLPH, RTHA, NUWO, RCKI, SPTO, WEBL, LISP, SAPH, BGGN, YRWA, COHA, coyote, western fence lizard, California ground squirrel, western toad.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: tailgate meeting, gave WEEP training to a new crew member, Hector.

0710: monitored vegetation clearing in DG-4.

0815: someone was seen riding a dirt bike in the construction zone, attempted to approach them but they rode off.

1300: scouted for a new work area to cover once the current one is finished tomorrow.

1400: found a western toad, relocated it from the work area to a place we had already covered the day before.

1415: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_before\_pulling\_pepperweed\_facingN.jpg  
-118.17533 34.19024



photo\_2-DG-4\_after\_pulling\_pepperweed\_facingN.jpg  
-118.17531 34.19029



photo\_3-crew\_member\_removing\_pepperweed\_facingW.jpg  
-118.17526 34.19031



photo\_4-western\_toad\_relocation.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 22, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	48 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	70 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) performing fusion of irrigation lines in Johnson Field and clearing vegetation (non-natives). Equipment includes a single gas-powered weed wacker, rakes, hand tools, generator, and irrigation lines. Daniel (foreman Natures Image).

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, CATH, owl tracks (GHOW or BANO), WCSP, ACWO, SPTO, RCPA, RTHA, CASJ, CALT, BEWR, NUWO, MODO, BUSH, BGGN, CAQU, YRWA, WREN, HOFI, DEJU, California ground squirrel, ANHU, ALHU, COYE, desert cottontail, LEGO, BUSH, BLPH, AMKE

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Biologist arrived onsite at 0630. The crew was fusing irrigation lines using a generator at Johnson Field (DG-W-1) and also clearing vegetation (non-native mustards [*Hirschfeldia incana*], star thistle [*Centaurea melitensis*]) with a weed wacker around the "bowl" edges of the Johnson Field. Removed vegetation was placed on tarps and transported to dumpster. During the mechanical equipment operation, biologist confirmed that a fire extinguisher remained available and nearby. Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Native plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1415. Biologist left before the crew, but asked if the trash could be removed.

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_during\_facingNE.jpg**  
-118.17202 34.19143



**Vegetation\_clearing\_during\_facingW.jpg**  
-118.17199 34.19151



**Fusing\_irrigation\_pipes\_during\_facingW.jpg**  
-118.17218 34.19014



**Vegetation\_clearing\_after\_facingN.jpg**  
-118.17206 34.19127

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	45 °F	0-3 MPH	15 %
<b>End of Day</b>	14:30	67 °F	0-3 MPH	95 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 3 hand pulling perennial pepperweed and poison hemlock in DG-4 on the southwest side of the site near the twin boulders.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

AMCR, CALT, HOFI, LEGO, ACWO, BLPH, BEWR, SOSP, SPTO, CORA, RTHA, CASJ, COYE, COHA, KILL, BGGN, OCWA, SAPH, western toad, western fence lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: monitored vegetation clearing in area DG-4.

0710: relocated western toad from the work area to a place we had already covered.

1345: relocated western fence lizard from the work area to a place we had already covered.

1355: relocated western toad from the work area to a place we had already covered.

1400: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_pulling\_before\_facingN.jpg  
-118.17526 34.19027



photo\_2-DG-4\_pulling\_before\_facingN.jpg  
-118.17529 34.19035



photo\_3-DG-4\_pulling\_after\_facingN.jpg  
-118.17528 34.19027



photo\_4-DG-4\_pulling\_after\_facingN\_pre\_pickup.jpg  
-118.17526 34.19034

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	48 °F	0-3 MPH	0 %
<b>End of Day</b>	13:15	70 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) performing fusion of irrigation lines in Johnson Field and clearing vegetation (non-natives). Equipment includes a single gas-powered weed wacker, rakes, hand tools, generator, and irrigation lines. Daniel (foreman Natures Image).

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, CATH, WCSP, ACWO, SPTO, RCPA, RTHA, CASJ, CALT, BEWR, NUWO, BGGN, CAQU, YRWA, WREN, HOFI, DEJU, California ground squirrel, ANHU, COYE, NOFL, desert cottontail, LEGO, BUSH, BLPH, AMKE, OATI, bobcat (t), KILL, RCKI

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

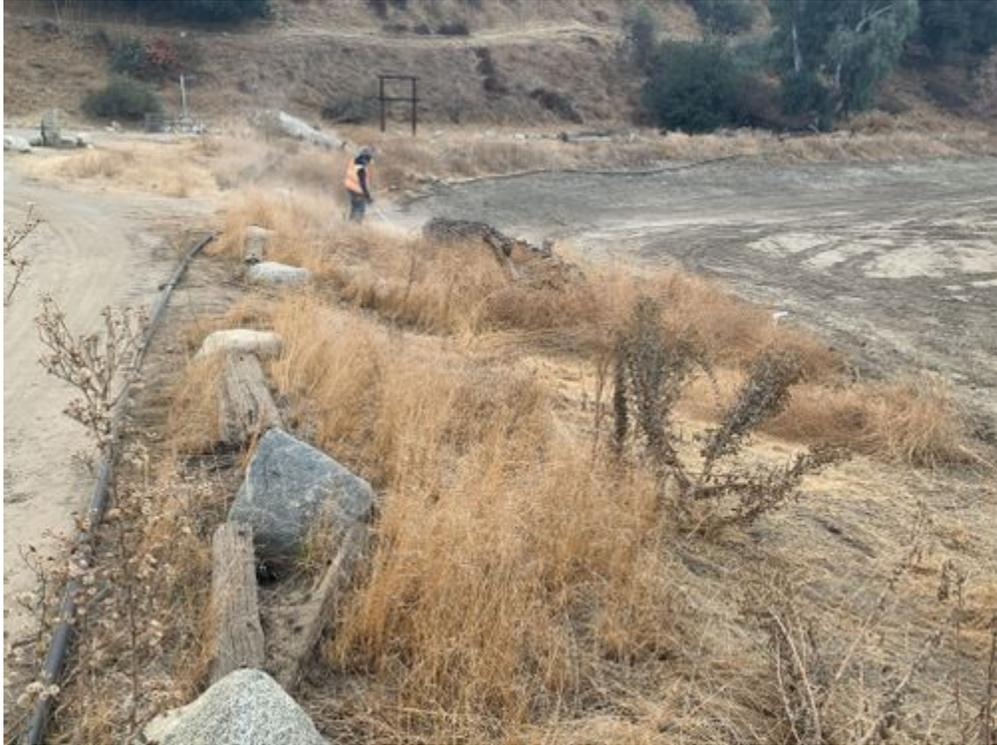
Biologist arrived onsite at 0630. The crew was fusing irrigation lines using a generator at Johnson Field (DG-W-1) and along low-flow drainage heading south. One crew member resumed clearing vegetation (non-native mustards [Hirschfeldia incana], star thistle [Centaurea melitensis]) with a weed whacker around the "bowl" edges of the Johnson Field. Removed vegetation was placed on tarps and transported to dumpster. During weed whacking, biologist noted that a fire extinguisher was not available and due to a "Red Flag Warning" placed in effect, mechanical weed whacking ceased at 0800. Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Native plants are to be established 6ft away from one another while avoiding the low-flow drainage. After more irrigation lines were delivered, the crew resumed installation at 1230. Biologist completed report and left site at 1315. Biologist left before the crew, but asked if the trash could be removed.

**Additional Comments**

N/A

**Signature**





**Vegetation\_clearing\_before\_facingE.jpg**  
-118.17096 34.19155



**Fusing\_irrigation\_during\_facingNW.jpg**  
-118.1725 34.18846

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: December 24, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	48 °F	4-6 MPH	100 %
<b>End of Day</b>	12:45	57 °F	0-3 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 3 hand pulling poison hemlock, curly dock, mustard and perennial pepperweed in the far southwest corner of the site in area DG-4.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

BUSH, AMCR, YRWA, COHA, SOSP, CALT, SPTO, CASJ, BLPH, MODO, HETH, OATI, WCSP, BEWR, RCKI, CORA, ACWO, COYE, NOFL

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: tailgate meeting reiterating best practices for working on a red flag day.

0645: monitored vegetation clearing in area DG-4.

1020: surveyed nearby areas.

1135: slight rain started falling.

1215: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_pulling\_hemlock\_before\_facingNE.jpg  
-118.17723 34.18639



photo\_2-DG-4\_pulling\_before\_facingNW.jpg  
-118.17689 34.18649



photo\_3-DG-4\_pulling\_hemlock\_after\_facingNE.jpg  
-118.17722 34.1864



photo\_4-DG-4\_pulling\_after\_facingNW.jpg  
-118.17689 34.18645

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 24, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	90 %
End of Day	12:30	65 °F	0-3 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) establishing of irrigation lines in Johnson Field. Equipment includes rakes, hand tools, and irrigation lines. Daniel (foreman Natures Image).

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, CATH, WCSP, ACWO, RCPA, RTHA, CASJ, CALT, BEWR, NUWO, BGGN, CAQU, YRWA, HOFI, DEJU, BUSH, California ground squirrel, ANHU, COYE, NOFL, desert cottontail, LEGO, BUSH, BLPH, AMKE, OATI, KILL, RCKI, GTGR, SOSF, WEME, Botta's pocket gopher, MODO, BLPH

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Biologist arrived onsite at 0630. The crew was establishing irrigation lines at Johnson Field (DG-W-1). Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Native plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1230. Biologist left before the crew, but asked if the trash could be removed.

**Additional Comments**

Vegetation clearing along slope of "bowl" of Johnson field was not completed due to "Red Flag Warning".

**Signature**





**photo\_1-Johnson Field.jpg**  
-118.17145 34.19224

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 29, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	39 °F	4-6 MPH	5 %
<b>End of Day</b>	14:25	59 °F	10-12 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 laying irrigation and fusing pipe in DG-W-1

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ACWO, COHA, NUWO, CAKI, CALT, WCSP, AMCR, CASJ, CAQU, NOFL, SOSP, CATH, LEGO, HOFI, EUCD, AMKE, MODO, RTHA, CORA, MALL, KILL, SPTO, CEDW, BLPH, desert cottontail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: tailgate meeting about the plan for the day

0645: crew began laying new irrigation in DG-W-1, monitored these activities.

0920: monitored crew fusing pipe near the aforementioned work area.

1355: crew began checking irrigation and bagging vegetation while I inspected the site and took photos.

**Additional Comments**

N/A

**Signature**





**photo\_1-laying\_irrigation\_before\_facingS.jpg**  
-118.17191 34.19141



**photo\_2-laying\_irrigation\_after\_facingS.jpg**  
-118.17203 34.19145



photo\_3-crew\_fusing\_pipes\_facingS.jpg  
-118.17164 34.19215

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 29, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	45 °F	0-3 MPH	50 %
<b>End of Day</b>	14:00	59 °F	10-12 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

4-person Natures Image weeding crew and 1 Stillwater biologist at start, 1 crewmember left at 0830 (call Daniel Holmes for more details about that.) Hand-pulling/raking understory weeds in southern end of DG-4.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

BEWR AMCR COHA NUWO ACWO CEDW BLPH AUWA BTPI CASJ MALL HOFI BGN ANHU CALT RCKI LEGO WREN RSHA NOFL OATI BUSH SOSP CORA RTHA

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630-1400: 4-person (later 3-person) weeding crew hand-pulling/raking understory weeds in the southern end of DG-4, near the dam. Quite a bit of standing water in the lowest part of the dam basin, from yesterday's rains. Crew stopped vegetation work at 1400.

**Additional Comments**

N/A

Signature





**Vegetation clearing\_before\_facingS.jpg**



**Devil's Gate Reservoir\_water\_DG-4 south.jpg**



**Vegetation clearing\_after\_facingS.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	43 °F	7-9 MPH	5 %
<b>End of Day</b>	14:30	64 °F	4-6 MPH	15 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 fusing pipes (in area DG-W-1/DG-2B), and weed whacking/hand pulling mustard, star thistle, and exotic grasses in area DG-W-1.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, HOFI, CATH, CALT, AMCR, WCSP, NOFL, ACWO, MODO, LEGO, SPTO, BUSH, ANHU, NUWO, BEWR, SAPH, BLPH, YRWA, RTHA, CAQU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: monitored pipe fusing in area DG-W-1.

0930: continued pipe fusing efforts in DG-2B.

0940: monitored vegetation clearing in area DG-W-1.

1400: crew began wrapping up while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-W-1\_crew\_fusing\_pipe\_facingE.jpg  
-118.1709 34.19165



photo\_2-DG-W-1\_vegetation\_clearing\_before\_facingE.jpg  
-118.17118 34.19176



photo\_3-DG-W-1\_vegetation\_clearing\_after\_facingE.jpg  
-118.17095 34.19181

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	46 °F	0-3 MPH	0 %
<b>End of Day</b>	13:05	75 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

5-person Natures Image weeding crew and 1 Stillwater biologist hand pulling weeds in southern end of DG-4.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RTHA RSHA NOFL NUWO BEWR BGGN AUWA CALT SPTO KILL RNDU MALL AMPI AMCR CORA BLPH HUVI  
RCKI OATI CASJ HETH ACWO WCSP COYE SOSP WTSW HOFI ANHU CANG KILL

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630-1300 weeding crew working in southern end of DG-4, same area as 12/29/20. Water in reservoir — today there were small numbers of waterfowl and killdeer at the water. Crew stopped vegetation work at 1300.

**Additional Comments**

Biologist was having issues with phone camera so no before/after photos were taken.

**Signature**



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: December 31, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	41 °F	4-6 MPH	0 %
<b>End of Day</b>	14:30	63 °F	10-12 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 hand pulling/weed whacking mustard and exotic grasses in DG-W-1.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

HOFI, ACWO, CAKI, AMCR, WCSP, CALT, NUWO, CASJ, NOFL, CATH, CAQU, BEWR, EUCD, BLPH, YRWA, CORA, RTHA, TUVU, MALL, RNDU, AMWI, KILL, SOSP, COHA, ANHU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: monitored vegetation clearing in DG-W-1 on the east side of the Johnson field.  
0900: crew began wrapping up pulling.  
0915: crew spent some time picking up trash on the east side.  
1030: crew continued hand pulling the Johnson field.  
1400: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-W-1\_vegetation\_clearing\_before\_facingN.jpg  
-118.17121 34.1911



photo\_2-DG-W-1\_vegetation\_clearing\_after\_facingN.jpg  
-118.17124 34.19107

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 31, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	45 °F	0-3 MPH	0 %
End of Day	08:45	56 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

5 person Natures Image weeding crew and 1 Stillwater biologist raking/hand pulling weeds on the east side of Devil's Gate Reservoir (DG-3A).

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

AMWI AMCR KILL RNDU MALL SPTO ANHU CATH CALT WCSP HOFI BEWR

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645-0845: Weeding crew working in southern end of DG-3A.

0825: Natures Image foreman got word that one weeding crew member tested positive for COVID-19. After consulting with Stillwater and Natures Image higher-ups, work was halted for the day.

0845: Stillwater biologist left site

**Additional Comments**

No photos taken.

Signature

